# **Chase Martin**

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### **Projects**

Fbclone | Rails · JavaScript · React · Redux · PostgreSQL | Live | GitHub Social networking platform inspired by Facebook

- Implements SPA architecture with React/Redux frontend and Ajax requests to a JSON API
- Features user authentication with BCrypt ruby gem to store salted and hashed passwords
- Minimizes ActiveRecord queries by fetching all user related data at login with single query
- Live chat feature uses bi-directional functionality via WebSockets with help of Pusher

Advanced Battleship | JavaScript • WebGL • BabylonJS • HTML5 | Live | GitHub WebGL implementation of Battleship: Advanced Mission

- Utilizes a 3D interface with fluid animations to provide immersive and realistic gameplay
- Integrates with Web Audio API to supply sound effects for missile launches and explosions
- Provides smart AI for computer player which emulates intuitive human player reactions

## jQuaere | JavaScript | GitHub

A lightweight DOM manipulation library

- Wraps around native DOM API to allow selection, creation and manipulation of DOM nodes
- Allows for AJAX request creation and execution with built-in method that provides defaults
- Extends and abstracts DOM event methods which allows user to quickly provide interactivity

#### **Skills**

Ruby · Rails · RSpec · JavaScript(ES6) · C++ · React · React Native · Angular · Redux TDD · AWS · PostgreSQL · HTML5 · CSS3 · Sass · SQL · Git · WebGL · BabylonJS

#### Education

## Web Development | App Academy | New York | Fall 2016

 Graduated from an immersive full-stack web development bootcamp with less than 3% acceptance rate and rigorous weekly assessments to ensure retention of advanced concepts such as ADTs, algorithm time/space complexity, and meta programming

Computer Science | Santa Monica College | Los Angeles | Fall 2012 - Spring 2014

- Courses in data structures, computer architecture, linear algebra, C++ and OOP
- Left in good academic standing to pursue software engineering in a more direct path such as through personal projects and bootcamp enrollment

#### **Professional Experience**

## Jumpstart Instructor | App Academy | New York | Jan 2017 - Present

 Provide coding lectures, code reviews, pairing practice and answers to technical questions for students learning Ruby in preparation for bootcamp admission at App Academy

#### General Manager | M Café de Chaya | Los Angeles | Oct 2013 - Jan 2016

Lowered operating costs by analyzing P&L reports, accounting, vendor contracts, MICROS
POS configuration and delivery systems with various custom built tracking systems